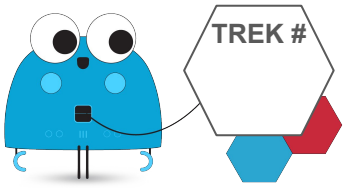
PRACTICE A: DEVELOP AN EXPLANATION HANDOUT



Name _____ Date _____ Period _____

Observations help raise driving questions about the phenomenon, or what we think about it. To do so, we will develop and use models to construct explanations that represent our understanding of the system.

Instructions: In the space provided below, copy the driving question from the *Digital Student Journal* or write your own if you are conducting a custom investigation. Then, complete the steps provided to develop an explanation of the phenomenon to address the driving question. Communicate this individually or collaboratively with your peers.

Driving Question: _____

1 Identify the system and its components and their relationships to each other.

1A. System: _____

1B. Identify the components of the system. Make a sketch to support your response. Use the back of this handout or chart paper, if needed.

1C. Identify and describe the relationship between the components.

2 Use the model to describe and make predictions about the phenomenon.

3 Identify and describe a scientific cause.